

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

10873.1675USWO

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

UNKNOWN

10/541622

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/JP2004-000625	23 JANUARY 2004	23 JANUARY 2003

## TITLE OF INVENTION

SEPARATOR MATERIAL AND METHOD OF PRODUCING THE SAME, AND ALKALI SECONDARY BATTERY  
SEPARATOR

## APPLICANT(S) FOR DO/EO/US

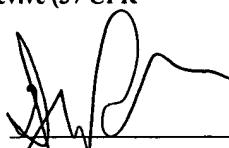
YAMAMOTO et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l).
4.  A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US)
6.  A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  have been transmitted by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10.  A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11. to 16. below concern document(s) or information included:

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A **FIRST** preliminary amendment.  
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14.  A substitute specification.
15.  A change of power of attorney and/or address letter.
16.  Other items or information: Application Data Sheet (4 pages), International Publication Page of WO 2004/073094 A1, Communication re: Figure Publication, Form PCT/ISA/210, Form PCT/IB/304, Form PCT/IB/308

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)	INTERNATIONAL APPLICATION NO.			ATTORNEY'S DOCKET NUMBER
UNKNOWN <b>10/541622</b>	PCT/JP2004/000625			10873.1675USWO
<b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):</b>				
[X] a) Basic National fee.....\$300.00				\$300.00
[X] b) Examination fee.....\$200.00				\$200.00
[X] c) Search fee.....\$500.00				\$500.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1000.00</b>
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate	
50 - 100 =	0 /50 =		X \$250.00	\$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$0.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	21	-20 = 1	X \$50.00	\$50.00
Independent claims	3	-3 = 0	X \$200.00	\$0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00 \$0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1050.00</b>
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27				\$0.00
<b>SUBTOTAL =</b>				<b>\$1050.00</b>
Processing fee of \$130.00 for furnishing the English translation later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+ \$0.00
<b>TOTAL NATIONAL FEE =</b>				<b>\$1050.00</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+ \$40.00
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1090.00</b>
				Amount to be: refunded \$0.00
				charged \$0.00
<p>a. <input checked="" type="checkbox"/> Check(s) in the amount of <u>\$1090.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-3478</u>.</p>				
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>				
SEND ALL CORRESPONDENCE TO: Douglas P. Mueller Hamre, Schumann, Mueller & Larson, P.C. P.O. Box 2902-0902 Minneapolis, MN 55402				
<p>SIGNATURE: </p> <p>NAME: Douglas P. Mueller</p>				
REGISTRATION NUMBER: 30,300				

10/541622

IC14 Rec'd PCT/PTO 06 JUL 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: YAMAMOTO et al.

Docket: 10873.1675USWO

Title: SEPARATOR MATERIAL AND METHOD OF PRODUCING THE SAME, AND  
ALKALI SECONDARY BATTERY SEPARATOR

## CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: ED 769611862 US

Date of Deposit: JULY 6, 2005

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450.

By:   
Name: YUHGO MARUTAMail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

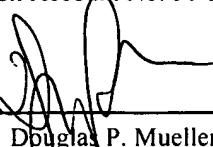
We are transmitting herewith the attached:

- Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- National Stage PCT Patent Application: Spec. 42 pgs; 21 claims; Abstract 1 pgs.  
The fee has been calculated as shown below in the 'Claims as Filed' table.
- 2 sheets of formal drawings
- A signed Combined Declaration and Power of Attorney
- Assignment of the invention to Daiwabo Co., Ltd., Recordation Form Cover Sheet
- Checks in the amount of \$1090.00 to cover the Filing Fee and Assignment Recording Fee
- Application Data Sheet, 4 pages.
- Other: Form PTO-1390, International Publication page of WO 2004/073094 A1, Communication re: Figure Publication, Form PCT/ISA/210, Form PCT/IB/304, Form PCT/IB/308.
- Return postcard

## CLAIMS AS FILED

Number of Claims Filed	No.	In Excess of	Extra	Rate	=	Fee
Total Claims	21	20	1	50.00	=	50.00
Independent Claims	3	3	0	200.00	=	0.00
Multiple Dependent Claims Fee					=	0.00
Basic Filing Fee					=	300.00
Search Fee					=	500.00
Examination Fee					=	200.00
Utility Application Size Fee	50	100	0	250.00	=	0.00
Total					=	1050.00

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. A duplicate of this sheet is enclosed.

Hamre, Schumann, Mueller & Larson, P.C.  
P.O. Box 2902-0902 Minneapolis, MN 55402  
612.455-3800By:   
Name: Douglas P. Mueller  
Reg. No.: 30,300  
Initials: DPM:nel

52835

PATENT TRADEMARK OFFICE

(PTO TRANSMITTAL - NEW FILING)

10/541622

S/N UNKNOWN

PATENT  
**JC14 Rec'd PCT/PTO 06 JUL 2005**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: YAMAMOTO et al. Examiner: UNKNOWN

Serial No.: UNKNOWN Group Art Unit: UNKNOWN

Filed: Concurrent herewith Docket: 10873.1675USWO

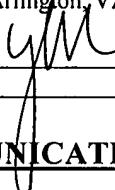
Title: SEPARATOR MATERIAL AND METHOD OF PRODUCING THE SAME, AND ALKALI SECONDARY BATTERY SEPARATOR

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: ED 769611862 US

Date of Deposit: JULY 6, 2005

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450..

By: 

Name: YUHGO MARUTA

COMMUNICATION REGARDING REQUESTED FIGURE

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

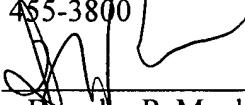
In connection with the above-identified application, applicant respectfully requests that Figure 2 be printed on the front page of the published application.

If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Applicants' primary attorney-of record Douglas P. Mueller (Reg. No. 30,300), at (612) 455.3804.

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &  
LARSON, P.C.  
P.O. Box 2902-0902  
Minneapolis, MN 55402-0903  
(612) 455-3800

Dated: July 6, 2005

By:   
Douglas P. Mueller  
Reg. No.: 30,300

DPM:nel